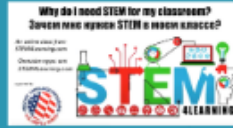
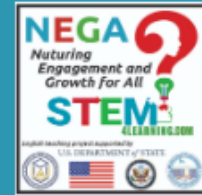


What is STEM - Video Lessons



A collection of short videos explaining the core concepts of STEM including the science and engineering practices and cross-cutting concepts.



This is a series of 17 videos produced in 2020 as part of a project supporting a growing STEM program at School #12 in Bukhara, Uzbekistan. Each video is approximately five minutes long, and they are organized into 6 modules. Each lesson was recorded in English and Russian, however the slide content is identical in both versions (apologies for my less than perfect Russian!). All videos have been uploaded to youtube and can be accessed for playback with the links below. Anyone is welcome to download the English videos, they are available as .mp4 files through the Teachable online education platform and can be found at stem4learning.teachable.com (you will need to join the free course for access).

[Course Overview PDF](#) - provides a short synopsis of each module's videos

Module 5 STEM and English Language Instruction

The two big initiatives in Uzbek education are STEM and English - the question is whether the two can work together and the answer is a resounding yes! In fact that is the basis of Project NEGA - Nurturing Engagement and Growth for All that is really found throughout the stem4learning.com website. They work together perfectly - with STEM building the engagement and context to get students speaking and thinking critically in English. This video explores that idea.

Две большие инициативы в узбекском образовании — это STEM и английский язык. Вопрос в том, могут ли они работать вместе, и ответ — однозначно да! На самом деле, это основа проекта NEGA — Развитие вовлеченности и роста для всех, который действительно можно найти на веб-сайте [Stem4learning.com](https://stem4learning.com). Они прекрасно взаимодействуют друг с другом — STEM создает взаимодействие и контекст, чтобы студенты могли говорить и критически мыслить на английском языке. Это видео исследует эту идею.

Big Ideas:

- **Where does STEM fit?**
- **Can English help STEM learning?**
- **Some ideas for building English?**
- **Куда подходит STEM?**
- **Может ли английский помочь в изучении STEM?**
- **Какие-нибудь идеи для построения английского?**

English Versions

[5 - STEM and English](#)

Русские версии

[5 STEM + английский Russ](#)